

AMENDMENTS TO THE SPECIFICATION

[0017] The first support 4 can be coupled with the second support 5 in such a manner that the first support 4 is fixed also, but will exhibit this condition only in the moving body's direction of conveyance, that is to say in the direction perpendicular to the plane of the drawing. In the plane of the drawing, i.e. in the plane perpendicular to the body's direction of conveyance, the first support is mounted to be rotatable about a pivoting point [[6]] 9 located on a contact surface shared by the roller 3 and the body to be supported by the roller 3.

[0018] As clearly shown in the FIGS. 1 to 3, the first support 4 and the second support 5 are embodied with intermating slots 6 and pins 7. The slots 6 have a curve, which is determined for each slot individually by an imaginary centre [[6]] 9' and a radius relating to said centre [[6]] 9' of said slot, such that the centres of all the slots 6 in the same vertical plane coincide and form the pivoting point [[6]] 9 of the first support 4.

[0023] FIG. 5 shows a greatly exaggerated situation arising when the load exerted by belt 8 is increased. As a result of the interplay of forces then occurring, the assembly of roller 3 and first support 4 rotates about the fixed pivoting point of rotation [[6]] 9 in the direction of arrow B, as shown in FIG. 6. The two pins 7 that are mounted on the first support 4 then move upwards into the slots 6 of the second support 5, thereby finding a new point of equilibrium, where the roller provides optimal support for the belt 8.